

CHAPMANINA SILVESTRI, 1931 (FORAMINIFERA): PROPOSED
DESIGNATION OF A TYPE-SPECIES UNDER THE PLENARY POWERS.
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Foraminifera in Italy were misidentified by Airaghi (1904, pp. 159-174; 1904-A, 182-188, pl. 5, figs. 1-4) as *Conulites aegyptiensis* (Chapman) (= *Patellina aegyptiensis* C.) of the Egyptian Eocene.

2. Silvestri and Prever (in Silvestri, 1904) based their monotypic genus *Chapmania* (not Monticelli, 1893) upon the Italian occurrence, perpetuating the misidentification as *Chapmania aegyptiensis* (Chapman). *Patellina aegyptiensis* Chapman, 1900, however, is type by subsequent designation of *Dictyoconus* Blanckenhorn, 1900 (see Frizzell, 1948, 19).

3. Silvestri later (1905, pp. 481-482, 485 footnote 2) suspected the fundamental distinction between the Egyptian and Italian forms, proposing provisionally the name *Chapmania gassinensis* for the latter. Subsequently (1905-A), he confirmed the generic and specific identity of *C. gassinensis* and treated the species formally under that name. *Chapmania gassinensis* was accepted by nearly all foraminiferologists from 1905 to 1931.

4. Rhumbler (1913, p. 392, text figs. 131 a-c) applied his zoological formula (1910, 1912) to Silvestri's nominal species, changing it to "*Archapmanoum gassinicoum* Silvestri m' " Frizzell (1949) has pointed out that Opinion 72 of the International Commission on Zoological Nomenclature (1922) rejected Rhumbler's designations implicitly, although regrettably not explicitly. As far as can be determined, those non-nominal terms have never been accepted and need not be cited in synonymy.

5. Silvestri (1931) recognized *Chapmania* Silvestri and Prever as a junior homonym of *Chapmania* Monticelli, 1893, proposing for it a substitute name *Chapmanina*. No type was designated. Since 1931, the genus *Chapmanina* has uniformly been accepted, with *C. gassinensis* (Silvestri) as type.

6. Frizzell (1949) published an extended account of *Chapmanina* and its allies. He has accepted the type as *Chapmania gassinensis* (by substitution), but indicated that action by the International Commission on Zoological Nomenclature is required to validate this conclusion. The Subfamily Chapmanininae Frizzell (from Chapmaniidae Galloway, 1933, revised), Family Rotaliidae, contained the genera *Ferayina* Frizzell, 1949, *Preverina* Frizzell, 1949, and *Chapmanina* Silvestri, 1931.

7. The Chapmanininae currently and correctly is placed within the Discorbidae Cushman (Sigal, 1952; from Discorbisinae Cushman, 1927, = Rotaliidae of Cushman's and Frizzell's usage). *Crespinina* Wase, 1955, recently has been added to the subfamily. The Chapmanininae is a compact, coherent lineage of advanced discorbid genera.

8. *Chapmanina* Silvestri, 1931, as a substitute name, obviously has the same type-species as *Chapmania* Silvestri and Prever, 1905, (not Monticelli, 1893). *Chapmania*, however, clearly is a genus based upon a misidentified species (*C. aegyptiensis* Silvestri and Prever, not Chapman, = *C. gassinensis* Silvestri).

The Rules of Nomenclature stipulate that such cases are to be submitted to the Commission. A decision that *Patellina aegyptiensis* was to be regarded as the type-species of *Chapmania* would reduce their generic name and its substitute *Chapmanina* to the status of junior objective synonyms of *Dictyoconus* Blanckenhorn, 1900. "*Archapmanoum m*" Rhumbler, 1913, is ineligible to replace *Chapmanina*, as it is a formula rather than a name. The generic biological entity would be left nameless, and the Subfamily Chapmanininae (its name changed) could cause confusion within another family.

9. To preserve *Chapmanina* and the Chapmanininae, as currently used, the International Commission on Zoological Nomenclature is requested:

- (1) to use its plenary powers to set aside all designations of type-species for the nominal genus *Chapmanina* Silvestri, 1931, made prior to the Ruling now requested, and, having done so to designate the nominal species *Chapmania gassinensis* Silvestri, 1905, to be the type-species of that genus;
- (2) to place the generic name *Chapmanina* Silvestri, 1931 (gender : feminine), type-species, by designation under the plenary powers in (1) above, *Chapmania gassinensis* Silvestri, 1905, on the Official List of Generic Names in Zoology;
- (3) to place the specific name *gassinensis* Silvestri, 1905, as published in the binomen *Chapmania gassinensis* (type-species of *Chapmanina* Silvestri, 1931) on the Official List of Specific Names in Zoology;
- (4) to place the specific name *Chapmania* Silvestri & Prever, 1904 (a junior homonym of *Chapmania* Monticelli, 1893) on the Official Index of Rejected and Invalid Generic Names in Zoology.

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